17	$8t$ or $\pm 125t^{-2}$ oe		5	M1 for differentiating one term correctly
	$8t-125t^{-2}$ oe or $8t-\frac{125}{t^2}$ oe			A1 for both terms correct
	$8t-125t^{-2}=0$ **and** $(t=)\sqrt[3]{\frac{125}{8}}(=2.5)$			M1 for equating their $8t \pm at^{-2}$ oe or $bt \pm 125t^{-2}$ oe to zero **and** solving for t ie must have correct powers of t and at least one correct coefficient and correct isolation of t
	$4("2.5")^2+\frac{125}{"2.5"}$			M1 dep on previous M mark for substituting into s
		75		A1
				Total 5 marks